

1 **ABSTRACT OF THE DISCLOSURE**

2 A functional composite fiber and preparation thereof,
3 and a spinneret for preparing the same. The functional
4 composite fiber comprises a plurality of the T-lobes
5 connected with each other at their bases, wherein the caps
6 of the T-lobes contain a component, and their bases T-lobes
7 contain the component and an additive. The additive is not
8 exposed on the surface of the fiber thereby preventing post-
9 manufacturing abrasion of the spinning machine.